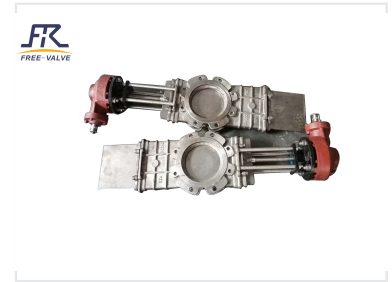


Through Conduit Slurry Knife Gate Valve

This through conduit knife gate valve is also known as a slurry gate valve. It features a through-going O-port plate for stable and safe shut-off performance without clogging.



Product Overview

Through Conduit Slurry Knife Gate Valve

This through conduit knife gate valve is engineered for demanding industrial environments involving high-concentration slurries and debris-heavy media. Its unique O-port gate design ensures zero detention, preventing clogging during operation and allowing for a clean, full-bore flow. Designed for versatility, it excels in processes requiring reliable cutting through solids, such as in paper recycling, chemical processing, and sugar production.

Performance Metrics

Key Performance Metrics

425 °C

Max Temperature

1200 DN

Max Nominal Diameter

Technical Specifications

| | |
|------------------|----------------------------------|
| Size Range | NPS 2 - NPS 48 (DN 50 - DN 1200) |
| Pressure Ratings | Class 150, PN6, PN10 |
| Connection Type | Wafer |

Materials

Construction Materials

| Component | Material Options |
|-----------|-------------------------------------|
| Body | Carbon Steel, Stainless Steel |
| Disc | Stainless Steel |
| Sealing | Rubber, PTFE, Stainless Steel + STL |

Operations

Operating Modes

- Hand wheel
- Bevel Gear
- Pneumatic
- Electric
- Hydraulic

Compliance

| Industry Standards | GB/T13927, API598, GB/T12221, API609, GB/T12224, ASME B16.34 |
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|--------------------|--|